Author Index

(Inclusive pages of original articles are shown in **boldface**)

Ackerman, L. V., **222-232**
Agostino, D., *jt. au.*, 78
Andervont, H. B., 154, 203-204, 241-242
Anon., **8-9**, 30, **31-32**, 39, 55, **69-71**, **73**, **74-76**, 76, 78, **79**, **107-110**, 118-119, **142-143**, 148, **163-164**, 202, 204, **205**, **206-207**, 207, **243-244**
Ansfield, F. J., 77
Arcari, F. A., 113-114
Atkins, H. L., 202
Auerbach, O., 10
Averette, H. E., 160

Baker, S. R., **221**
Barclay, T. H. C., 34
Barrera-Oro, J. G., 204
Bauer, W. C., 78
Becker, C., 204
Berg, J. W., 33-34, 77-78, 115-116, 160-161, 201-202, 245-246, *jt. au.*, 161
Bergs, V. V., 204
Bernier, J. L., *jt. au.*, 160
Bhaskar, S. N., 160
Bowden, L., *jt. au.*, **104-106**
Brennan, M. J., *jt. au.*, **239-240**
Breslow, L., 215-219
Bryan, W. R., 241
Buschke, F., 40

Cataland, S., 154
Chalkley, H. W., 154
Chu, F. C. H., *jt. au.*, 33
Clagett, O. T., 200
Cliffton, E. E., 78
Cline, J. W., 162
Conway, H., 91-94
Copeland, M. M., 208
Crumpacker, E. L., 117

Dalton, A. J., 242
Dao, T. L., 154
Dargeon, H. W., **51-55**, **87-90**, **139-141**, **188-191**
Davidson, J. D., 204
Day, E. D., 162
Dennis, C., 220
Deringer, M. K., 242
Dockerty, M. B., 200
Dungal, N., 117
Dunham, L. J., 242
Duran-Reynals, M. L., 204

Ellingson, R. J., 246
English, M. J., **192-193**
Evans, C. A., 154
Evans, V. J., 204

Falek, A., *jt. au.*, 202
Fedoroff, S., 154
Fisher, E. R., 34
Fletcher, G. H., 115
Fogel, M., 154
Foote, F. W., Jr., *jt. au.*, 202
Frazell, E. L., 27-30, 245
Frei, J. V., 204

Gardner, B., 77
Garland, L. H., 40, 242
Gellhorn, A., *jt. au.*, 174-179
Gershon-Cohen, J., 72
Gilbertsen, V. A., **82-86**
Gilchrist, R. K., 66-68
Golden, R. L., 203, 204
Gollin, F. F., 246
Golomb, F. M., 160
Goodman, L. E., 201
Grant, R. N., **35-39**, 40, 41, **63-65**, 81, **104-106**, 121, **155-159**, 161-165, **171-173**, 209, **239-240**, 242, 250

Hall, T. C., 246
Hammond, E. C., *jt. au.*, 34
Hayes, H., *jt. au.*, 91-94
Heine, U., 154
Helwig, E. B., *jt. au.*, 161
Heston, W. E., 154
Hilding, A. C., *jt. au.*, **63-65**
Horn, D., **111-112**
Hoshino, K., 241
Hungerford, D. A., 203, 204, *jt. au.*, 241
Hutter, R. V. P., 161, 202

Ingegno, A. P., 220
Irvine, E. W., Jr., 248
Ishiguro, H., 154
Ishihara, T., 154
Ito, Y., 154

Jackson, C. L., **2-7**, **56-62**, **97-103**, **149-153**, **233-238**
Jarvik, L. F., 202
Jesse, R. H., Jr., *jt. au.*, 115

Kaminsky, N., 154
Karlson, K. E., 220
Karnofsky, D. A., **166-170**
Kennedy, B. J., 116
Kilham, L., 241
Kirsten, W. H., 154
Klein, M., 241
Kofman, S., 78
Kohn, H. I., 241
Konigsberg, U. R., 204
Kontras, S. B., 202
Kraus, F. T., 116, *jt. au.*, **222-232**

Lattes, R., 246
Levy, W. S., 120
Limper, M. A., 208
Little, J. B., *jt. au.*, 201
Llewellyn, R. C., 202
Lucas, J. C., Jr., *jt. au.*, 245
Lucchini, A., 33
Lum, D., *jt. au.*, **194-199**
Lundy, B. W., *jt. au.*, 246

Martin, D. S., 241
Martin, H., *jt. au.*, 27-30
Moffitt, O. P., Jr., *jt. au.*, 246
Montgomery, T. L., 10, *jt. au.*, **171-173**
Moretti, R. L., 154
Mori-Chavez, P., 241
Morris, H. P., 241
Morton, D. L., 220
Mosser, D. G., 120
Mulay, A. S., 204
Mulholland, J. H., 162

Nash, S. C., 78
Nesselrod, J. P., 40
Neubecker, R. D., *jt. au.*, 116
Norris, C. M., *jt. au.*, **2-7**, **56-62**, **97-103**, **149-153**, **180-187**, **233-238**
Nowell, P. C., 241, *jt. au.*, 203

O'Malley, W. E., 242
Overholt, R. H., 144-148
O'Rourke, P. F., 200

Pack, G. T., **11-26**, 76, **210-214**
Papanicolau, G. N., 80
Parker, R. G., 34
Paullada, J. J., 116
Pearson, H. E., 204
Perry, H., 33
Phillips, A. J., *jt. au.*, 34
Pinkel, D., 33
Pomeroy, T., *jt. au.*, **122-138**
Ponten, J., 241

Rabson, A. S., 203, 204, 242
Rafferty, K. A., 154
Rauscher, F. J., 204
Raven, R. W., 10
Retik, A. B., 161
Reuber, M. D., 241
Richardson, W. R., *jt. au.*, **35-39**
Robbins, G. F., *jt. au.*, 161
Roberts, S., 78
Rosenberg, S. A., 246
Ryan, G. M., Jr., 120

Sachs, L., 204
Sandler, H. C., 245
Saxen, L., 204

Schulz, M. D., *jt. au.*, 201
Sharkey, D. A., *jt. au.*, 34
Shay, H., 242
Siegler, R., 204
Smith, C., 154
Sommers, S. C., *jt. au.*, 34
Spencer, C., 154
Spencer, H. J., 204
Spicer, S. S., 241
Spratt, J. S., Jr., 117
Stansly, P. G., 242
Sterling, T. D., 115
Stewart, F. W., *jt. au.*, 202
Stone, R. S., 200
Stout, A. P., 39
Sverak, L., 154
Sydnor, K. L., 204

Tanaka, S., 204
Taubenhaus, L. J., **95-96**
Taylor, H. B., 161
Tellem, M., 34
Thomas, A. N., 33
Thomas, C. G., Jr., *jt. au.*, 116
Tigertt, W. D., 116

Ullery, J. C., **122-138**
Ultmann, J. E., **42-50**, 174-179

Vaitkevicius, V. K., 77
Vogler, W. R., 78

Wallbank, A. M., 204
Wang, C. C., 201
Wangensteen, O. H., *jt. au.*, **82-86**
Watson, W. L., 161
Weaver, Z., III, 116
Webb, H. E., 246
Welch, C. E., *jt. au.*, **155-159**
Wesson, M. B., 220
Wildermuth, O., *jt. au.*, 34
Williams, M. J., 34
Wilson, C. B., *jt. au.*, 202
Wilson, G. S., *jt. au.*, 113-114
Wolf, H. L., 40
Wood, D. A., *jt. au.*, **194-199**
Wright, J. C., 77
Wynder, E. L., 34, 162

Yeh, S., 201
Yokoro, K., 241

Zippin, C., **194-199**, 203, 204
Zwaveling, A., 161

Subject Index

Adenocarcinoma, *See* specific site
American Cancer Society, Inc.
  Scientific Session Program, 55, 118-119, 202
Anthrone Color Test, 69, 71
Anticancergen Z-50, 31-32
Anticoagulant therapy, role of fibrin in, in preventing metastasis in animals, 78

Beard, H. H., methods, 69-71
Benign lesions, resembling cancer, 230-232
Biopsy, *See* specific site
Bone, giant cell tumors of
  diagnosis and treatment of, 161
Breast, cancer of, accuracy of clinical diagnosis, 113-114
  aspiration biopsy in, 161
  gamma globulin in, 203
  growth rate of, 239-240
    in relation to early diagnosis and control, 239-240
    and self-examination, 240
  management and roentgenography for, 72
  mastectomy for, simple, 162
    radical vs. simple, 81
  metastatic, 33
    fluoxymesterone compared to testosterone in, 77
  in pregnancy, 171-173
    biopsy of, 173
    delay in diagnosis, 172
    incidence of, 172-173
    management of, 173
    Philadelphia breast cancer study, 171-173
  relation to cystic disease, 34
  role of estrogens in, 116
  study of Joint Committee recommendation for clinical staging, 194-199
    clinical staging system, 194
    comparison with International Union staging, 194, 196-199
  treatment of, with 2 methyl dihydrotestosterone propionate, 33
    with hexestrol, 33
    with prednisone, 77
Breast, examination of, 10
  mammography of, institutions carrying research on, 208
  masses, accuracy of clinical diagnosis in, 113-114
    and fibrocystic disease, 114
    statistics on, 113
  papillomas, study of benign and malignant, 116
Bronchial tree, action of cilia in, 64-65
  drainage and cigarette smoke in, 63-66
  mucous blanket in, 64, 65
  mucous block in, 63
Bronchogenic carcinoma, and cigarette smoke, 30, 63-65
  experimental in animals, 63

Cancer, *See also* specific site
  advanced, aggressive and extraordinary treatment of, 166-170
Cancer, *cont'd*
  established vs. experimental drugs, 168-169
  AROUND THE WORLD, 8-9, 73, 111-112, 142-143, 205, 221
  control of, 162
  detection: Proctosigmoidoscopy in Office Practice, film of, 78
  discrepancies in reporting, 34
  epidemiology of, 215-219
  estimated incidence rates for 1962 (see charts)
  implantation of, 161
  incurable, and the patient, 104-106
  and physician, patient relationship, 209
  terminal, palliation of, saline lobotomy, 202
  therapy of, combined methods of, 246
  in twins, suggests genetic influence in susceptibility to cancer, 202
  unproven methods of treatment in, 31-32, 69-71, 107-110, 163-164, 206-207, 243-244
Cancer cell, *See* Cell
Cancer registry, in Jamaica, 73
Cancer stamps, 142-143
Carcinogenesis, automobile exhaust, in cities and among men doing much driving, 34
Carcinoma, *See* specific site
Cell, cancer, in postoperative wound washings, 78
  spread of, 78
Cervix, cancer of, in situ, incidence of, before 30 years of age, 120
  treatment of, 122-138
    in situ, 122
    invasive, 122-124
    radiation therapy in, 122-124
  vaginal smears as response guide after radiation, 116
Chart, cancer deaths among children by site, 89
  classification and staging of cancer of the larynx, 61
  crude death rates for U.S., cancer of colon and rectum, stomach, uterus, lung and bronchus, 170
  death rates of cancer of the lung, 62
  estimated cancer incidence for 1962, (back cover, no. 2)
  estimate of teenage cigarette smoking practices, 164
  forecast of lung cancer deaths, 110
  impact of early diagnosis of cancer, (back cover, no. 3)
  leading causes of death, children, ages 1-14, 53
  leukemia death rates among children, 88
  lung cancer and age at start of cigarette smoking, 164
    and smoking, (back cover, no. 4)
Chart, *cont'd*
  lung cancer survival, 146
  oral cancer, five-year cure rate, 96
  ratio of nonsmoking doctors and nonsmoking men in U.K., 112
Chemotherapy, *See also* specific site or specific agent
  agents, in combatting wound growth, 116
  amateur, compared to homeopathy, 40
  combined methods, 246
  intra-arterial, with 8-azaguanine, 246
  matching agent to cancer, 77
  pretreatment with sedative and or antiemetic, 246
  radical, 40
  regional perfusion, 160
  report of WHO, 205
    agents matched to neoplastic diseases, 205
Children, cancer in, diagnosis of, 52-54
    early, 37-38
  etiology of, 139-141
    antenatal environment, 139-141
      congenital, 139-140
      hereditary, 139
    postnatal environment, 141
  ganglioneuroblastoma, norepinephrine in, 202
  incidence of, 51
  leukemia, 87-90
  neoplasms, surgical management of, 35-39
  neuroblastoma, 188-191
    diagnosis of
      clinical, 188
      laboratory, 189-190
    histogenesis of, 188-189
    series of, 188
    sex and race in, 190
  palliation, 39
  premalignant lesions, 35-37
    teratomas, common sites of 37
  prevention of, 35
  professional education of, 52
  program against, 54-55
  statistics on, 51, 53
  treatment of, 54
  xeroderma pigmentosum as precancerous lesion, 226
Chlorambucil, 78
Chymotrypsin, 69-71
Cigarette, *See also* Smoking, 63-65
Clinical fellowship program of American Cancer Society, evaluation of, 192-193
Colitis, ulcerative, and development of cancer, 220
Colon, cancer of, *See* Colon and Rectum
Colon and rectum, cancer of, current concepts and practices, 66-68
  delay before treatment, 156-157
  diagnosis of, 155-159
    impact of earlier, 155-156
    location of tumors, 158-159

Colon and rectum, *cont'd*
examination for, proctosigmoidoscopic, 159
polyps in, 68
incidence of, 117
rate of development, 117
survival rates for, 158-159
Counselling cancer patient, advantages of knowing diagnosis, study on, 85
should patient be told, 82-86, 104-106
surgeon's counsel, 210-214
Cyclophosphamide (Cytoxan), 201
response of uterine and breast carcinoma to, 202
treatment with, 33, 202
Cytoanalyzer, applied to cancer detection, 154
Cytology, exfoliative, in oral cancer, 245-246

Dermatofibrosarcoma protuberans, 161
Desmoids, resembling cancer, 232-233
Diagnosis, *See* specific site
Diamond Carbon Compound, 163-164
Diverticulitis, and possible coexistence of cancer, 220
Drugs, *See* Chemotherapy or specific agent

Ear, cancer of, 93
treatment of, irradiation, 34
Education, American Cancer Society, clinical fellowship program, 192-193, 200
clinical research grants in, 148
professional, in childhood cancer, 52
continuing need for, 220
in dealing with cancer patient, 120
and public in cancer control in Iran, 73
public, in early detection of cancer of colon and rectum, 121
and professional in cancer control in Iran, 73
program against oral cancer, 95-96
responsibility of physicians in, 162
of unproven cancer remedies, 253
Effusion, formation of, Starling's Law, 44
Effusions, neoplastic, 42-50
8-azaguanine, in intra-arterial chemotherapy, 248
diagnostic procedures of, 45-46
pleural, outline of etiologies of, 44
serous, differential diagnosis of, 44-45
treatment of, 46-49
Electroencephalograms, use of, in detecting brain metastases, 246
Endometrial carcinoma, 122-125
international classification of, 124
survival rates for, 135
therapy of, 124-125
Epidemiology, of cancer, 215-219
clues to control, 217-219
of lung, 34
and mortality of females, 217
natural course in, 216-217
in situ lesion in, 216
trends and distribution, 215-216
smoking, relationship of, to lung cancer, 217-218
survival in, 215, 217
Estrogen, therapeutic effect of massive doses in younger women, 116
Examination, *See also* specific site
physical, proctoscopy in, 40
Eyelid, cancer of, 92

Fallopian tube, carcinoma of, diagnosis of, 126
survival rates for, 135
symptoms of, 127
Fasciitis, infiltrative, separating from sarcomas, 202
nodular, resembling cancer, 232
FEEDBACK, 40, 120, 208, 242
Fluoxymesterone, compared to testosterone in metastatic breast cancer, 77
FOCUS, 51-55, 87-90, 139-141, 188-191

Gamma globulin, determination of half-life of, in chronic lymphocytic leukemia and breast cancer, 203
Ganglioneuroblastoma, childhood, norepinephrine in, 202
Genetics, cancer in twins, 202
Gibson methods, 243-244
Gruner Blood Smear Test, 107-110
Gynecologic cancer, booklet on, 207
management of, 122-138
in advanced patient, 133-134
radiation in, biophysics of, 135-136
reactions of, 131-133
early, 132
late, 132-133
mortality attributable to, 133
terminology of, 137-138
therapy of, modalities of, 134
treatment of, problems and complications in, 127-130
medical complications in, 131

Head and Neck, cancer of, 27-30
cervical metastasis of, 30
skin, treatment of, 91-92
squamous cell, treatment with combined surgery and radiation, 115-116
treatment of, irradiation, 27-28
surgery, 27-28
Health team, discussion of concept, 209
Hett "Cancer Serum", 107-110
Hexestrol, for treatment of breast cancer, 33
Hodgkin's disease, diagnosis and therapy of, 174-179
Hyperplasia, lymphoid, resembling cancer, 231-232

Implantation, of cancer, combatting with chemotherapeutic agents, 116
Incidence, *See* Statistics
International fellowships in cancer research, 73
International Union Against Cancer, 8-9
purpose, 8
history, 8-9
officers, 9
Iranian Cancer Society, cancer program, 73
Irradiation, as treatment, *See* specific site

Jamaica Cancer Society, 73
Joint Committee (American), recommendations for clinical staging of breast cancer, 194-199

Keratosis, as precancerous lesion, seborrheic, 229
senile, 229
Krebiozen, 206-207

Laetrile, 69-74
Larynx, cancer of, booklet on, 214
classification and staging, 60-62
controversy on, 208
diagnosis of, 102-103
biopsy in, 2, 3, 99, 102-103
delay in, 102-103
differential, 103
mucosagrams in, 102
etiology and pathogenesis of, 56-59
leukoplakia, pachydermia laryngis, and papilloma, 59
examination for, 2, 98-99, 102-103
direct laryngoscopy, 99, 102
indirect laryngoscopy, 98-99
mirror, history of, 3
roentgen ray, 102
historical notes on treatment, 3-7
incidence of, 2, 56
irradiation, 6-7
laryngectomy, 5-6, 182-183
with radical neck dissection, 183, 186
laryngofissure in, 4-5
metastasis from, 60
operation for, 180-183
partial laryngectomy, types of, 180-182
prognosis in, 237-238
role of early detection of recurrence, 238
radical neck dissection, 6
and rehabilitation, 233-236
devices for speech, 234-235
esophageal voice, 234
statistics on, 56
survival rates, 2
symptoms of, 2-3
symptomatology of, 97-98
treatment of, 149-153, 180-187
combined, 187
irradiation, 186-187
methods in, 78
selection of, anatomic considerations and criteria, 149-153

Larynx, *cont'd*
extent, size and nodal involvement, 152
in glottic lesions, 152
in hypopharyngeal lesions, 153
in marginal lesions, 153
in subglottic lesions, 152
in supraglottic lesions, 152-153
metastasis in, 149, 151-152
Larynx and pharynx, cancer of, 29-30
diagnosis of, 29
papillomas in, treatment of, 246
Leukemia, acute granulocytic, 203
in children, death rates of, 88, 90
diagnosis of, 89-90
prognosis of, 90
treatment of, 90
varieties of epidemiology of race in, irradiation in, congenital, immunologic, 87-89
chronic granulocytic, relation to other diseases in chromosome abnormalities, 241
chronic lymphocytic, gamma globulin in, 203
vincaleukoblastine, in treatment of, 77
Leukoplakia, as precancerous lesion, 226, 229
Lip, cancer of, 92-93
Lobotomy, saline, in terminal cancer, 202
LOOKING AT CANCER, 33-34, 77-78, 115-116, 160-161, 201-202, 245-246
Lung, cancer of, air pollution and automobile exhaust in, 34
contrasting roles of medical researcher and practitioner in control of, 74-76
death rates of, in U.S.A., 62
diagnosis of, 144-145
explorability, determining of, 145
exploratory thoracotomy, 145
localized lesions, 145
endocrine abnormalities associated with, 34
examination for, 10
methods of, 144-145
management of, 147
mortality compared to automobile deaths, 204
oat cell, 161
prevention of, 117
rate of, in relation to automobile exhaust, 34
sex ratio of, in relation to long-term smoking habits, 162
and smoking, 30, 63-65, 111-112
forecast of deaths, 110
squamous carcinoma in, 10
views of medical researcher and practitioner in, 74-75
survival statistics, 147
suspect cases, 144-148
treatment of, 146-147
surgery as, 145-146
extent of, 145-146
palliative, 146-147
Lung, metastatic solitary nodules of, removal of, 200
Lymphangioadenography, in detecting pelvic metastasis, 160
Lymphoma, classification of, 177
current concepts and practices, 174-179
diagnosis of, biopsy, 174
clinical, 174-176
incidence of, 174
local and constitutional manifestations of, 174-176
response of, to chlorambucil, 78
to prednisolone, 78
therapy of, 177-179
Lymphosarcomas, diagnosis and therapy of, 174-179

Malpractice suits, and jurors, 220
Maxillary antrum, cancer of, 29
Meetings, American Cancer Society, Inc., 1962 Scientific Session program, 55, 118-119, 202
Eighth International Cancer Congress, 8
Melanoma, 11-26, 93-94
anorectal, 18-19
radical operation for, 19
curability in pregnant and nonpregnant women, 17
distribution of, age, 13
regional, 12
of extremities, amputation, indications for, 25
of genitals, 19-20
radical operation for, 20
histogenesis of, 11
multiple primary, 14-15
and nevi, 16
and pregnancy, 16-17
placental transmission of, 17
in rats, 161
prepubertal of skin, 15-16
malignant transformation of, 15-16
surgical removal of, 16
race and complexion in, 12-13
treatment of, end results of, 26
by excision and dissection, 22, 24-25
by excisional biopsy, 21
visceral metastases from, 17-18
2 Methyl dihydrotestosterone propionate, in breast cancer, 33
Mole, pigmented, 11-30
congenital nevi, removal of, 14
distribution of, regional, 12
histogenesis of, 11
and malignant melanoma, booklet on, 76
management of, 13-14
prophylactic removal of, 13-14
race and complexion in, 12
transformation to malignant melanoma of, 14
Myositis ossificans, resembling cancer, 231

Nasopharyngeal cancer, early symptoms of, 201
pathology of, 201
radiation therapy in, 201
survival in, 201
Nasopharynx, cancer of, epidemiological study of, 203
Nasopharynx, paranasal sinuses, cancer of, 29
Neoplasms, in children, surgical management of, 35-39
Neoplastic effusions, 42-50
diagnosis of, 43-46
differential, serous, 44-45
special procedures in, 45-46
cytologic, 45
exploration, 46
pleural biopsy, 45-46
examination for, 42-43
laboratory, 43
radiologic, 42-43
formation of, 43-44
pleural, etiology of, 44
prognostic significance of, 46
relationship of salt intake and fluid retention in, 43-44
statistics on, 42
symptoms of, 42
treatment of, 46-49
chemotherapy and alkylating agents, 48-49
radiotherapy, 47-48
Neuroblastoma, in children, 188-189
clinical course of, 190
diagnosis of, 189-190
etiology of, 188
prognosis of, 190-191
treatment of, 190
Nose, cancer of, 92
NOW HEAR THIS, 10, 80, 117, 162, 200, 220

Oral cancer, 28-29
exfoliative cytology in, 245-246
statistics on, 95
study of, in white women of Georgia, 78
Public Health Program against 95-96
dentist examination for, 95
detection courses for, 95
screening programs for, 96
Ovary, cancer of, 200
carcinoma of, frozen biopsy of, 126
survival rates for, 135
symptoms of, 126
treatment of, by chemotherapy, 126
by radiation, 126

Palliation, *See* Cancer or specific site
Papanicolaou, G. N., in memoriam, 79-80
Pangametin or Vitamin $B_{15}H_8$, 69-71
Pennsylvania Medical Society's resolution on cigarette smoking, 232
Perfusion, regional, matching agent to tumor, 160
Pharynx, and larynx, *See* Larynx and Pharynx
Physician, dilemma in application of medical technology, 200
Plasmacytoma, solitary, 246
Polyp, rectal and colon, viral origin study in relation to cancer, 34
Polyposis, as precancerous lesion, 224-226

Precancerous lesions, in pathology of tumors, 224-226
Prednisolone, in lymphomas, 78
Prednisone, in breast cancer, 77
Pregnancy, and breast cancer, 171-173
and gynecologic cancer, treatment problems and complications, 127-128
Premalignant lesions, in children, 35-37
teratomas, common sites of, 37
Proctoscopy, in physical examination, 40
Proctosigmoidoscopy, film of, 78

Quackery, in Russia, 221

Radiation, *See also* specific site,
nomenclature for, 137-138
relation of small doses to cancer, 115
Rectum, cancer of, *See also* Colon and Rectum
current concepts and practices, 66-68
metastasis at time of operation for, 66-67
prognosis in, 68
spread of, 66
treatment of, by surgery, 65-68
Research, clinical, special training for, in cancer, 148
International Fellowships in, 73
Roentgenography, and management of breast cancer, 72
Russia, unproven medical therapy in, 221

Salivary glands, cancer of, 30
mucoepidermoid tumors in, 160-161
Sarcoma, soft-part, irradiation for, 33
Sarcomas of the soft tissues, booklet on, 39
separating from fasciitis infiltrative, 202
S-46, in cancer treatment, 201
Skin, cancer of, head and neck, 91-94
ear, 93
eyelid, 92
lip, 92-93
melanomas of, 93-94
nose, 92
therapy of, 91
unusual locations of, 93
unusual types of, 94
Skin, cancer of, treatment of, 28
Skin, dermatofibrosarcoma protuberans, 161
Smoking, and Health, report of the Royal College of Physicians on, 111-112
Smoking, cigarette, and bronchogenic carcinoma, 30, 63-65
Smoking, *cont'd*
effect on bronchial tree, 63-65
in laryngeal cancer, 56-59
and lung cancer, 10, 74-75
Pennsylvania Medical Society's resolution on, 232
Smoking, and lung cancer, 117
report of Royal College of Physicians, 111-112
preventive measures and recommendations for government action, 112
physician and his responsibility, 112
Smoking, and teenager, 164-165
Stamps, cancer, 142-143
Statistics, breast masses, 113
cancer deaths in children, 53
by site, 89
leukemia death rates, 88
by years, 90
cancer incidence in Jamaica, 73
cervical cancer, incidence of, before age 30, 120
discrepancies in cancer reporting, 34
epidemiological study of cancer, in relation to, 215
female cancer survival rates, 219
laryngeal cancer, 2, 56
lung cancer, 147
in cities and among men who drive, 34
lymphoma, incidence of, 174
melanomas, end results in treatment, 26
during pregnancy, 16
mortality ratios by social class, 218
mortality, U.S. rate from cancer, 204
oral cancer, 95, 96
sarcomas, x-ray palliation of, 33
tongue cancer, incidence of, 245
visceral metastasis to organs, 17-18
vulva carcinoma, 135
Stomach, cancer of, decline in, 215-216
Surgery, controversy in relation to chemotherapy, 242

Teratomas, in children, common sites of, 37
premalignant potential of, 36
Thyomas, pathological-clinical study of, 246
Thyroid, cancer of, treatment of, 30
Tobacco, and oral cancer, in white women of Georgia, 78
Tongue, cancer of, incidence of, 245
treatment of, surgery and irradiation, 245
Tumors, pathology of, 222-232
benign lesions that resemble cancer, 230-232
benign vs. malignant, 222-224
need for cooperation of physician and pathologist, 222-224
precancerous lesions, 224-230
Tumors, solid, vincaleukoblastine in treatment of, 77

Unproven medical therapy of cancer in Russia, 221
UNPROVEN METHODS OF CANCER TREATMENT,
Anticancergen Z-50 and Zuccala Lytic Test, 31-32
Beard, H. H., methods, 69-71
Diamond Carbon Compound, 163-164
Gibson methods, 243-244
Hett "Cancer Serum" and Gruner Blood Smear Test, 107-110
Krebiozen, 206-207
Uterine cervix, carcinoma of, international classification of, 123
survival rates for, 135

Vagina, carcinoma of, survival rates for, 135
treatment for, 127
VIEWING THE JOURNAL OF THE NATIONAL CANCER INSTITUTE, 154, 203-204, 241-242
Vincaleukoblastine, in treatment of solid tumors and leukemias, 77
Virus, and human cancer, difficulties in proving relationship, 241
Simian 40, experimental, in newborn Mastomys, 203
tumor-destroying, 116
Vitamin $B_{15}H_8$ or Pangametin, 69-71
Vulva, carcinoma of, biopsy of, 125
leukoplakia as precursor, 125
radiation therapy for, 125
survival rates for, 135
symptoms of, 125
vulvectomy for, 125

World Health Organization, cancer chemotherapy report of, 205

Xanthoma, resembling cancer, 231
Xeroderma pigmentosum as precancerous lesion, 224

Zuccala Lytic Test, 31-32